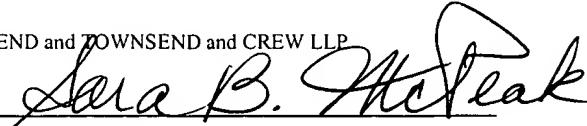


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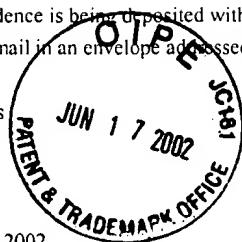
Assistant Commissioner for Patents  
U. S. Patent and Trademark Office  
Washington, D.C. 20231

On June 11, 2002

TOWNSEND and TOWNSEND and CREW LLP

By: 

Sara B. McPeak



**PATENT**  
Attorney Docket No.: 19396-001600  
Client Reference No.: D2610

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Nathan F. Raciborski et al.

Application No.: 09/867,868

Filed: May 29, 2001

For: PRELOADING CONTENT  
OBJECTS ON CONTENT EXCHANGES

Examiner: Unassigned

Art Unit: 2152

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98**

Assistant Commissioner for Patents  
U. S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Also enclosed is a copy of the International Search Report for the corresponding PCT application. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and

no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Douglas M. Hamilton  
Reg. No. 47,629

TOWNSEND and TOWNSEND and CREW LLP  
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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Attorney Docket No.: 19396-000800	Application No.: 09/664,036		
			Applicant: Nathan F. Raciborski et al.			
			Filing Date: September 18, 2000	Group: 2171		
Reference Designation		U.S. PATENT DOCUMENTS				Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
AA	5,991,306	11-23-1999	Gregory Burns et al.	H04L	12/02	
AB	6,029,175	02-22-2000	Yen-whei Chow et al.	G06F	17/30	
AC						
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
AD	EP0837584A1	04-22-1998	European	G06F	17/30	
AE	EP0847020A2	06-10-1998	European	G06F	17/30	
AF	EP0877326A2	11-11-1998	European	G06F	17/30	
AG	WO98/18076	04-30-1998	PCT	G06F	9/46	
AH	WO98/26559	06-18-1998	PCT	H04L	29/12	
AI	WO98/17039	04-23-1998	PCT	G06F	17/30	
AJ	WO98/37667	08-27-1998	PCT	H04L	12/56	
AK	WO98/53410	11-26-1998	PCT	G06F	17/30	
AL	WO98/58315	12-23-1998	PCT	G06F	17/30	
AM	WO99/03047	01-21-1999	PCT	G06F	17/00	
AN	WO99/05584	02-04-1999	PCT	G06F		
AO	WO00/13456	03-09-2000	PCT	H04Q	11/00	
AP	WO00/17765	03-30-2000	PCT	G06F	13/14	
AQ	WO00/28424	05-18-2000	PCT	G06F	13/00	
AR						
AS						
AT						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
AU	Luis Aversa et al., <i>Load Balancing A Cluster Of Web Servers Using Distributed Packet Rewriting</i> , <u>Computer Science Department Technical Report</u> , New York, NY, January 6, 1999 pages 1-13.					
AV	Clare Bradford et al., <i>A Bandwidth Friendly Search Engine</i> , <u>Proceedings Of The International Conference on Multimedia Computing And Systems</u> , Los Alamitos, CA, June 7, 1999, Vol. 2, pgs. 720-724.					
AW	Dykes, Sandra G. et al., <i>Taxonomy and Design Analysis for Distributed Web Caching</i> , <u>Proceedings of the 32<sup>nd</sup> Annual Hawaii International Conference on Systems Sciences</u> , Maui, HI, Jan. 5-8, 1999, pgs. 1-10.					
AX	Fan, Li, et al., <i>Summary Cache: A Scalable Wide-Area Web Cache Sharing Protocol</i> , <u>Computer Communications Review</u> , Association For Computing Machinery, New York, October, 1998, Vol. 28, no. 4, pgs. 254-265.					
AY	Gadde, Syam et al., <i>A Taste of Crispy Squid</i> , <u>Proceedings of the Workshop on Internet Service Performance</u> , June, 1998, pgs. 1-8.					
AZ	Gadde, Syam et al., <i>Reduce, Reuse, Recycle, an Approach to Building Large Internet Caches</i> , <u>The Sixth Workshop on Hot Topics in Cape Cod</u> , MA, May 5-6, 1997, pgs. 93-98.					
AAA	Syam Gadde et al., <i>Web Caching and Content Distribution: A view From The Interior</i> , <u>Online Proceedings of the 5<sup>th</sup> International Web Caching and Content Delivery Workshop</u> , retrieved from Internet on April 10, 2002, Abstract, Sections 1 and 2.					



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Technology Center 2100

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No.: 19396-000800	Application No.: 09/664,036
		Applicant: Nathan F. Raciborski et al.	
		Filing Date: September 18, 2000	Group: 2171
ABB	Gulwani, Sumit et al. <i>WebCaL - A Domain Specific Language For Web Caching</i> , <u>Online Proceedings Of The 5<sup>th</sup> International Web Caching And Content Delivery Workshop</u> , at <http://www.terena.nl/conf/wcw/Proceedings/S2/S2-4.ps>, May, 2002.		
ACC	Gwertzman, James et al., <i>An Analysis Of Geographical Push-Caching</i> , <u>Harvard University, Vino Research Group, World Wide Web Research</u> at <http://www.eecs.harvard.edu/vino/web/server.cache/icdcs.ps> March 28, 2002.		
ADD	Inohara, Shigekazu et al., <i>Self-Organizing Cooperative WWW Caching</i> , <u>Proceedings. 18<sup>th</sup> International Conference on Amsterdam, Netherlands</u> , May 26-29, 1998, pgs. 74-83.		
AEE	Kanchanasut, Kanchana, <i>The A13 CacheBone Project</i> , <u>INTERNET PROJECT WORKSHOP</u> , IWS 99 Osaka, Japan, Feb. 18-20, 1999, pgs. 203-208.		
AFF	Kangasharju, Jussi et al., <i>Locating Copies of Objects Using the Domain Name System</i> , <u>Proceedings of the 4<sup>th</sup> International Caching Workshop</u> , 1999, pgs. 1-12.		
AGG	Rousskov, Alex et al., <i>Cache Digests, Computer Networks and ISDN Sytstems</i> , North Holland Publishing, Amsterdam, NL, Nov. 25, 1998, Vol. 30, No. 22-23, pgs. 2155-2168.		
AHH	Tewari, Renu et al., <i>Beyond Hierarchies: Design Considerations for Distributed Caching On The Internet</i> , <u>UTCS Technical Report</u> , February, 1998, pgs. 1-22.		
AII	Sun Wu et al., <i>Virtual Proxy Servers For WWW And Intelligent Agents On The Internet</i> , <u>System Sciences, 1997, Proceedings Of The Thirtieth Hwaii International Conference On Wailea, HI</u> , Los Alamitos, CA, Jan. 7, 1997, pgs. 200-209.		
AJJ	Touch, Joseph D., <i>Defining High-Speed Protocols: Five Challenges And An Example That Survives The Challenges</i> , <u>IEEE Journal On Selected Areas In Communications</u> , IEEE Inc., New York, June 1, 1995, Vol. 13, No. 5, pgs. 828-835.		
AKK	Zhang, Xiaolan et al., <i>HACC: An Architecture For Cluster-Based Web Servers</i> , <u>Proceedings Of The 3<sup>rd</sup> Usenix Windows NT Symposium</u> , Seattle, WA, July 12-15, 1999, pgs. 155-164.		
ALL			
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EXAMINER		DATE CONSIDERED	

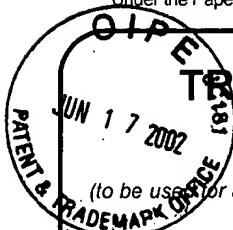
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Approved for use through 10/31/2002. OMB 0651-0031

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	2. 33 References
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## Remarks

The Commissioner is authorized to charge any additional fees to  
Deposit Account 20-1430.No Fee Transmittal is attached hereto as this  Supplemental IDS is being filed prior to  
the issuance of the First Office Action.

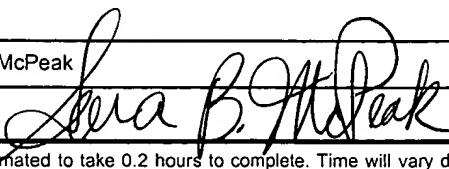
## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Douglas M. Hamilton	
Signature		
Date	June 11, 2002	

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Typed or printed name	Sara B. McPeak	
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